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Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire

ASML Netherlands B.V.

## COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

3A

## REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	EP 0 866 374 A (NIPPON KOGAKU KK) 23 September 1998 (1998-09-23) * column 8, line 44 - column 9, line 2 * * column 16, line 41 - column 18, line 25; figure 4 * * column 23, line 29 - line 36 *	1,5,7-10	G03F7/20
X	US 2002/044269 A1 (FUKAGAWA YOZO ET AL) 18 April 2002 (2002-04-18) * abstract; figures 1,4 * * paragraph '0067! - paragraph '0071! * * paragraph '0095! * * paragraph '0109! - paragraph '0112! *	1,5,7-10	
X	US 2003/042920 A1 (KENMOKU HIROMI) 6 March 2003 (2003-03-06) * paragraph '0045! - paragraph '0052! *	1-3,5, 7-10	
X	EP 1 137 054 A (NIPPON KOGAKU KK) 26 September 2001 (2001-09-26) * paragraph '0054! - paragraph '0060! *	1,5,7-10	
A	EP 0 742 492 A (CANON KK) 13 November 1996 (1996-11-13) * page 4, line 19 - line 51; figure 1 * * page 8, line 53 - page 9, line 22 *	1-10	TECHNICAL FIELDS SEARCHED (Int.Cl.7) G03F
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 04, 4 August 2002 (2002-08-04) & JP 2001 351855 A (ASM LITHOGRAPHY BV), 21 December 2001 (2001-12-21) * abstract *	1-10	
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 4 March 2004	Examiner van Toledo, W
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 07 6107

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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04-03-2004

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
EP 0866374	A	23-09-1998	JP	10261580 A	29-09-1998
			JP	10275770 A	13-10-1998
			EP	0866374 A2	23-09-1998
			US	6490025 B1	03-12-2002
US 2002044269	A1	18-04-2002	JP	3445102 B2	08-09-2003
			JP	11008189 A	12-01-1999
			JP	3337951 B2	28-10-2002
			JP	11045850 A	16-02-1999
			JP	11307438 A	05-11-1999
			JP	11330210 A	30-11-1999
			US	6330052 B1	11-12-2001
US 2003042920	A1	06-03-2003	JP	2003068622 A	07-03-2003
EP 1137054	A	26-09-2001	WO	0122480 A1	29-03-2001
			AU	5653699 A	24-04-2001
			EP	1137054 A1	26-09-2001
			TW	446998 B	21-07-2001
EP 0742492	A	13-11-1996	JP	3402850 B2	06-05-2003
			JP	8305034 A	22-11-1996
			EP	0742492 A1	13-11-1996
			KR	200384 B1	15-06-1999
			US	5838426 A	17-11-1998
JP 2001351855	A	21-12-2001	EP	1107068 A2	13-06-2001
			TW	490598 B	11-06-2002
			US	2003168615 A1	11-09-2003
			US	6593585 B1	15-07-2003